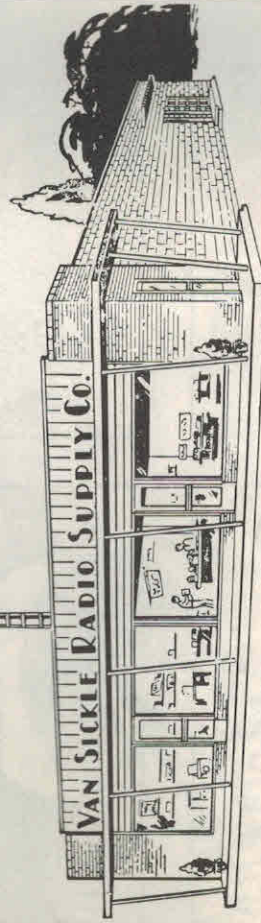


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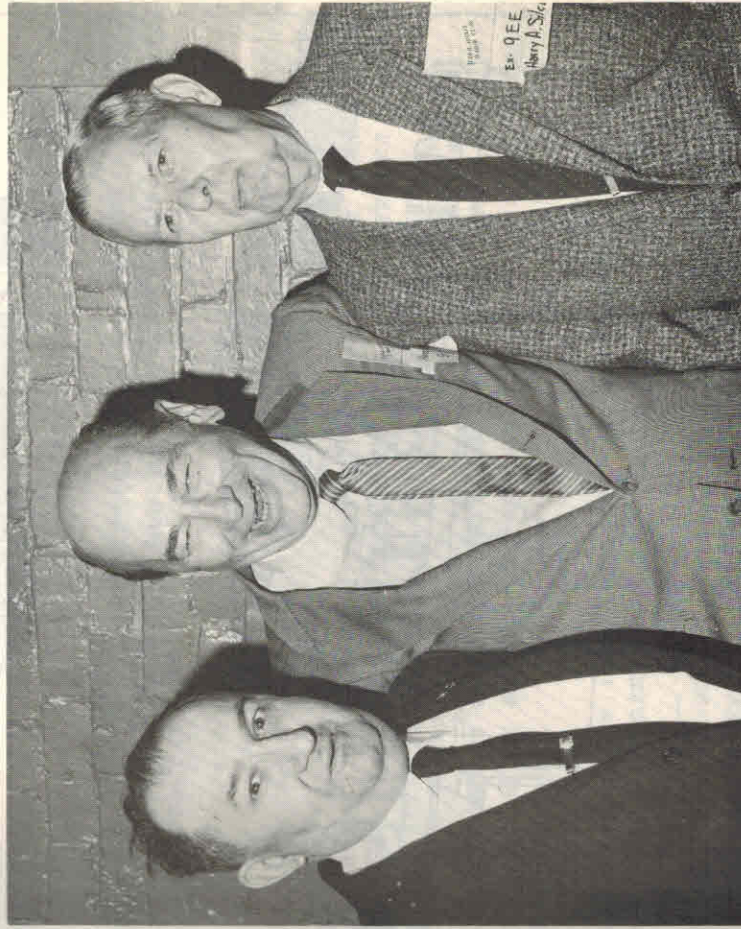
W9KJFama chews

NOVEMBER - 1964

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FOUNDED 1914



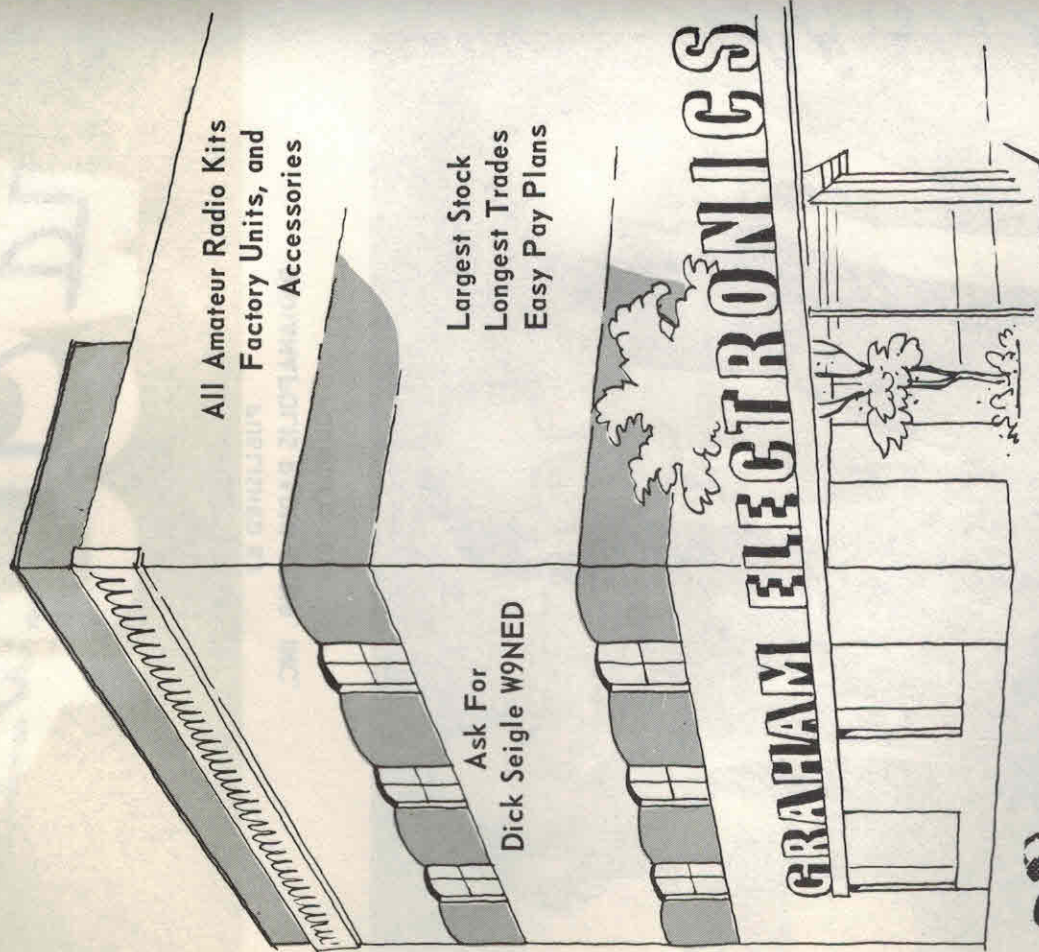
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The Indianapolis Radio Club meets on the second and fourth Fridays of each month except July and August in the Indianapolis Park Board Building at 29th and Harding Streets. Meetings start promptly at 8 p.m. EST.

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Ham Ads (5 line limit) are free to members and subscribers. Others may submit ads for 50 cents each.

Ama-Chewer welcomes the forwarding of information on coming events and activities of other clubs for publication.

THE PRESIDENT'S FREQUENCY

The recent 50th anniversary meeting is a small example of what the club can accomplish with the cooperation of all the members.

I am sure there were many nights spent on the preparations for this meeting when some of the fellows had other things they would rather have done, or perhaps should have done. Instead, they pitched in and helped make the meeting a success.

In the near future some of you will be nominated for an office in the club, and I know that in some cases there might be a tendency to decline a nomination. In some instances there may be perfectly legitimate reasons for such actions, but I cannot urge too strongly, if anyone is so inclined, please reconsider and accept if at all possible.

In the first place, the club needs you or you would not be nominated. Secondly, remember what you get from the club, or for that matter from any organization or job, depends on what you put into it.

Remember the old adage that if you want something done, ask a busy man to do it.

73

Jerry W9APJ

* * * * *

THE COVER

On this month's cover are the charter members of the IRC who attended the 50th anniversary meeting Sept. 25 at IPALCO Hall. From the left are Merrill Shiel, ex-9MI; Hans Geiger, ex-9VN, and Harry Silcox, ex-9EE. The club should be very grateful that these three men, although no longer active in amateur radio, still have the interest in it to help provide a vital part of the observance of our golden anniversary.

You will find an article and series of pictures of the anniversary meeting beginning on page 4.

PROGRAM REVIEW

Sept. 11

Members exhibited slides and movies of their summer trips. The subjects included the ARRL national convention, a trip to the nation's capital, and a honeymoon trip! Amateurs are a versatile lot.

Sept. 25

This was the 50th anniversary meeting at IPALCO Hall. Since the story of this meeting is covered elsewhere in this issue, I will confine myself to saying I hope all of the almost 200 others present enjoyed the evening as much as I. It was a fine time to renew old friendships and talk to fellows I had not seen for many years.

PROGRAM PREVIEW

Oct. 23

Art Schultz, W9NNX, will demonstrate a binary computer and explain its operation. This computer was built for use in Art's teaching work at Purdue extension, and was exhibited at the State Fair.

Nov. 13

Bob Annis, ex-9CUD, will talk on "Magnetics" and some of the problems encountered in the design of magnetic circuits.

Both of these programs are ones you can't afford to miss.

--W9APJ

* * * * *

LICENSE EXAMS

Uncle Frank Charlie Charlie will be in our fair city Nov. 20 to conduct amateur license exams. If you intend to take one, you must send your application, with \$4.00, to the FCC, 826 U. S. Court House, Chicago, Ill. 60604, in advance. A post card to the above address will bring you the application form. Fill it out and send it, with the fee, to get your "notice to applicant," which is what gets you in the examining room. Without this "notice," you don't get it! Exams also will be given in Ft. Wayne on Nov. 18 and in Louisville on Nov. 25.

IRC GOLDEN ANNIVERSARY MEETING

September 25, 1964, was a gold letter day for the Indianapolis Radio Club. That was the date of the club's 50th anniversary meeting, which was in IPALCO Hall, with an attendance of nearly 200. Most were from the Indianapolis area, but a few came a hundred miles or so, and Joe Brand, K6OJC, a former Indianapolis resident, came all the way from his home in Pomona, Calif.

Earl Springer, W9HTB, a pioneer Indianapolis ham, presented the main program, in his customary witty style. He narrated the showing of a series of slides depicting IRC activities down through the years. Earl hit his stride in recalling the old controversy over whether crystal oscillators would really work. He said D. J. Angus, W9CYQ, and a mainstay in the club for much of its existence, claimed a poker chip would work just as well as a crystal. The photos were taken mainly from Angus' scrapbook and from a club scrapbook maintained by Bob Caskey, W9DNQ.

The second featured speaker of the evening was F. E. (Ed) Handy, W1BDI, vice-president and communications manager for the American Radio Relay League, with which the IRC is affiliated. The League also is observing tis 50th anniversary this year, so Mr. Handy's remarks on the history and purpose

(continued on page 6)

* * * * *

ANNIVERSARY MEETING PHOTOS

At the top of the facing page is an overall view of the crowd that attended the IRC 50th anniversary meeting. In the center foreground is Earl Springer, W9HTB, who narrated a showing of photos of club activities, which was the highlight of the evening.

At the bottom of the page is a view of the registration table, where everyone attending received a lapel card and a copy of the special 50th anniversary issue of the Ama-Chewer and signed up for the door prize.

Other photos of the anniversary meeting are on pages 7, 8 and 9.



(continued from page 4)

of ham radio had a special meaning for both organizations. Handy, who has been with the League nearly 40 years, complimented the IRC on having among its members several "live wires" who keep productive activities going, and pointed out the value of a radio club in inspiring interest in radio activities among individuals.

Also bringing greetings to the IRC were Phil Haller, W9HPG, Chicago, the Central Division ARRL Director, and Ernie Nichols, W9YYX, Bloomington, the Indiana Section Communications Manager.

Three charter members of the IRC, present at the first meeting on Oct. 28, 1914, and also present at the anniversary meeting, were Harry Silcox, ex-9EE; Hans Geiger, ex-9VN, and Merrill Shiel, ex-9MI. They appear on the cover of this issue of the Ama-Chewer. Each gave his recollections of the beginning of the IRC and of early day radio activities.

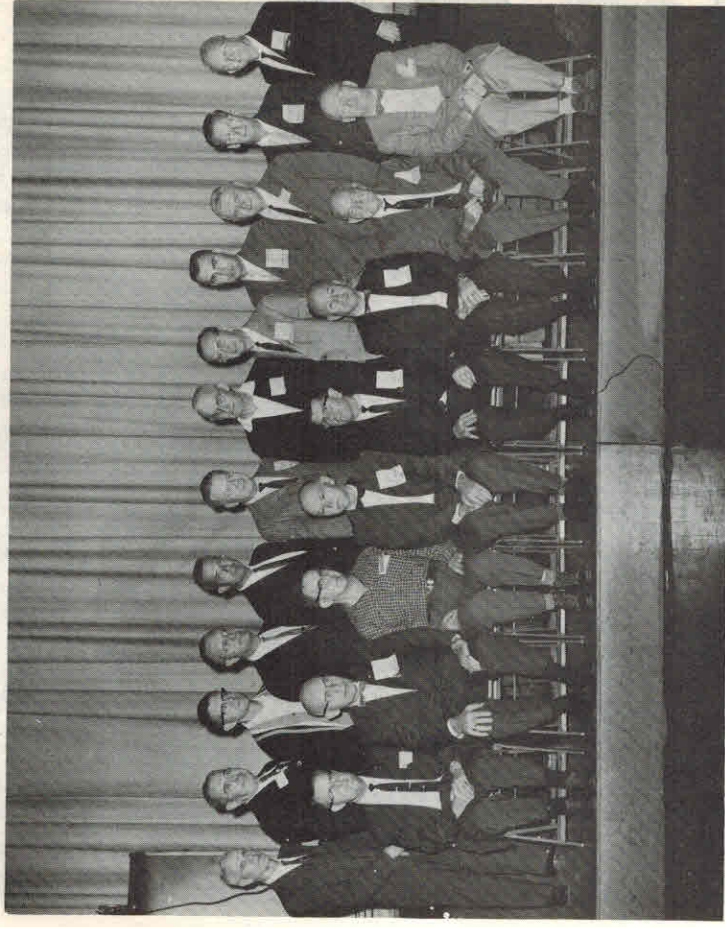
Of the more than 35 men who have served as president of the club, 26 were present! Eight former presidents are deceased. Four still living but unable to attend sent greetings to the club on its anniversary.

Exhibits depicting activities and accomplishments of the IRC and its members were prepared by Alvey Pittman, W9JJC, and displayed along a wall of the meeting hall. A tape recording of the entire program was made by Pat Husk, K9EUQ, to preserve the sounds of the event for posterity. Copies of last month's Ama-Chewer, a special 40-page edition chronicling the club's history, were distributed to everyone attending the meeting.

C. I. Greenlee, W9UPT, won the drawing for the door prize, a \$25 savings bond.

Working in the parking lot before the meeting were Steve Sauer, WA9ASZ; Steve Brown, WA9JGN; Denny Daupert, WA9HDL, and Bob Jones, a prospective ham.

The crowd attending consumed 200 doughnuts. At a board meeting planning for the anniversary observance, it was calculated that persons attending would consume an average of 1½ doughnuts. This proves the unreliability of statistics.



OUR PRESIDENTS

It was remarked at the 50th anniversary meeting that being president of the IRC must be a healthy job because quite a batch of former presidents were still alive and kicking. The flock that attended the meeting were rounded up for the above photo by Frank Fitch, W9EJW. Don't you agree it's a healthy, cheerful, intelligent-appearing group? Well, healthy, anyway.

In the front row, from the left, are Don Davis, W9JYP; LeRoy Waggoner, W9YMW; Charles Soltau, ex-W9CRV; Bob Annis, ex-9CUD; John Jones, W9FZW; Art Braun, W9TE; D. J. Angus, W9CYQ, and Bert Brouse, K9JSF.

In the back row, from the left, are Fred Finehout, ex-9CLO; Bob Caskey, W9DNQ; Don McFarling, W9AWN; Earl Springer, W9HTB; Ed Ward, K9CRS; Bill Lueth, W9DSC; Doyal McVicker, W9JZV; Alvey Pittman, W9JJC; Marsh Lincoln, K9KTL; Ray Forbes, W9HNS; Guy Oakes, W9UQW, and Jerry Lucas, W9APJ.



MORE ANNIVERSARY MEETING PHOTOS

Above, F. E. Handy, WLB DI, vice-president and communications manager of the ARRL, visits with Art Braun, W9TE, a former IRC president, before the meeting.

On facing page, at the top, Cliff Singer, W9SWD, a former IRC president and former Indiana SCM, visits with Phil Haller, W9HPG, Chicago, the Central Division ARRL director.

On facing page, at the bottom, Ernie Nichols, W9YXX, Bloomington, Indiana SCM, chats with John Jones, W9FZW, a former IRC president, and Walt Smith, WA9BHV.

Groups such as these were common all over IPALCO Hall both before and after the meeting as old friends and new friends sipped coffee and cokes, chewed doughnuts and talked about their favorite subject, ham radio. The building custodian commented after the meeting the crowd had been one of the nicest and most orderly to use the building.



CITIZENS BAND AND THE AMATEUR

It's pretty generally known by now that the FCC has made good on a wish many of us have had that the 11-meter Citizens Band be "cleaned up." The new rules tighten down things pretty definitely regarding what is and what is not fit use of the CB frequencies. The FCC also has warned that if the new rules, which go into effect November 1, don't curb the free-swinging operations on the 27 mc. band, that the Citizens Band may be shut down altogether. As would be expected, some of the Children's Banders have screamed in protest that their right of freedom of speech has been abridged. (Didn't they have freedom of speech before the band was opened?)

Except for those hams who also have CB licenses, there is no direct effect on us. However, there is an important lesson to be learned here. It is that the FCC will not tolerate misuse of frequencies (except perhaps those allotted to commercial radio and TV broadcasting). Amateurs could, sometime in the future, be on the receiving end of the wrath of the FCC, just as the CBers are now, if we don't keep our house in order.

Far too many amateurs have grown accustomed to think of our frequencies as just one big party line. Far too many have no ambition in ham radio other than getting on the air to chew the rag. Far too many have no concept of the amateur's role in public service, in emergency communications, or in experimenting to further the state of the art or to further one's own knowledge of electronics and communications procedures. There's nothing wrong with rag chewing as long as it is secondary to one of the vital purposes of ham radio. These purposes are stated clearly in FCC rule 97.1:

"The rules and regulations in this part are designed to provide an amateur radio service having a fundamental purpose as expressed in the following principles:

"(a) Recognition and enhancement of the value of the amateur service to the public as a voluntary non-commercial communication service, particularly with respect to providing emergency communications.

"(b) Continuation and extension of the amateur's proven ability to contribute to the advancement of the radio art.

"(c) Encouragement and improvement of the amateur radio service through rules which provide for advancing skills in both the communication and technical phases of the art.

"(d) Expansion of the existing reservoir within the amateur radio service of trained operators, technicians, and electronics experts.

"(e) Continuation and extension of the amateur's unique ability to enhance international good will."

It shouldn't have been necessary to print the above rules here, because all amateurs are familiar with the FCC rules pertaining to the Amateur Radio Service, aren't they? . . . or are they?

* * * * *

THE NUMBERS GAME

If you want to impress people, don't talk about micromicrofarad condensers anymore. Instead, show them how erudite* you are by saying picofarad capacitor. Here is a list of the newly-adopted unit prefixes:

Prefix	Multiply or submultiple	Symbol
Tera	1,000,000,000,000	T
Giga	1,000,000,000	G
Mega	1,000,000	M
Kilo	1,000	k
Hecto	100	h
Deka	10	da
Deci	.1	d
Centi	.01	c
Milli	.001	m
Micro	.000001	u
Nano	.000000001	n
Pico	.000000000001	p
Femto	.000000000000001	f
Atto	.000000000000000001	a

*The contributor of this item avows that word may be found on pag 203 of Webster's Elementary School Dictionary, 1914 edition. That was before your editor was born, and the contributor wasn't reading many dictionaries that year either.

ARRL BULLETINS

Official Bulletin No. 969 Sept. 11

United States amateurs are again reminded that the following countries object to communications between their amateurs and those of other countries. Cambodia, Indonesia, View Nam and Thailand forbid such radio communication. The prefixes to avoid are XU PK (JZØ) 3W8 and HS.

Official Bulletin No. 970 Sept. 18

The Federal Communications Commission will no longer return expired or superseded license cards to amateurs. FCC feels that a copy of the old document must remain attached to the application for its replacement to insure completeness and accuracy. However, the Commission recognizes that many amateurs wish to maintain complete files of their licenses. Accordingly, FCC will accept a photocopy of your license attached to a Form 610 application, in lieu of the original.

Official Bulletin No. 971 Sept. 24

Costa Rica and the United States have exchanged notes, effective September 19, providing for reciprocal operating by amateurs of the two countries, the first such agreement under provisions of the new law. Negotiations are in progress with several other countries. Exact FCC procedure, appropriate rules and forms to be used by foreign amateurs desiring to operate here have not yet been released. Further information will appear in November QST.

Official Bulletin No. 972 Sept. 28

(Only that part pertaining to the Central Division is printed here.)

The ARRL executive committee met today to examine nominating petitions filed by members for League directors and vice directors. By reason of nomination of but one eligible candidate the following was declared elected: the Central Division director Philip E. Haller, W9HPG. Wherever the committee found valid petitions naming more than a single candidate for these offices and the candidates meeting the requirements as to League membership and freedom from any commercial radio connection, ballots were ordered mailed to full members concerned covering contested offices. Such candidates are as follows: Central for vice director, Bergman, W9CA; Hanna, W9NWK; Hodson, W9HOT; Metzger, W9PRN; Pokorny, W9NRP; Siebenmorgen, W9IHO. As soon as ballot returns have been counted in late November, results of all

these elections will be given in a further bulletin.

Official Bulletin No. 973 Oct. 5

FCC has issued a notice of proposed rulemaking which would limit the eligibility for the Conditional Class license to applicants residing more than 175 miles from an FCC district office or a quarterly or semiannual examining point. Present Conditional licensees would not be affected, nor would eligibility of handicapped or overseas personnel. The date for filing comments on this proposal is November 16. See November QST for the full text of the proposal.

* * * * *

AMATEUR RADIO EXISTS BECAUSE . . .

There are several morals in the following editorial, broadcast over radio station CJON in Newfoundland on Feb. 12, 1964. They are both for amateur radio operators and for the public that so often misunderstands what amateurs are and what they are good for. Perhaps some of this misunderstanding has been brought on by the amateurs themselves, with sometimes disagreeable results. Judge for yourself and act accordingly after reading what this radio station had to say about one group of amateurs.

"CJON today would like to pay tribute to a dedicated group of people who again have shown their usefulness and value in an emergency.

(continued on next page)

* * * * *

GRAHAMS SPECIALS

Johnson Ranger I	.....	\$119.00
Johnson Invader 200	.....	\$329.00
Johnson Valiant	.....	\$239.00
Hallicrafter SX-111	.....	\$195.00
Hallicrafter SX-101 Mark III	.....	\$219.00
Hammarlund HQ 170-C	.....	\$265.00
Hammarlund HX-50	.....	\$339.00
Globe Champ 350	.....	\$199.00
Drake 2B Receiver/calibrator	.....	\$235.00

(continued from page 13)

"We refer to the radio amateurs of Newfoundland. They should be real life-savers in many ways--should ever their services be required over a prolonged period.

"What they can do was demonstrated again only last weekend when high winds gusting over 100 miles per hour disrupted communications throughout the province. For five or six hours, the radio amateurs provided the only communication link from the Avalon peninsula with the rest of Newfoundland and the outside world.

"They provided emergency communications for the CNR, United Towns Electric Company, TCA, and others. Without them, for instance, there would have been no weather forecast available for broadcast on Sunday afternoon.

"The beauty of the whole thing, of course, is that some of the radio amateurs can continue to operate if the electricity supply fails. They simply transmit from their automobiles and this is the reason why they are recognized with special plates containing their call letters instead of the regular numbers.

"CJON applauds the radio amateurs for their public service. We feel the public should know more of what they have done and what they continue to do for no reward other than helping their fellow men."

* * * * *

VAN SICKLE RADIO -- FALL CLEAN UP SALE!!!

1 KW Transmitter	\$ 95.00
Johnson Adventurer Transmitter	\$ 19.00
Johnson Viking II	\$ 95.00
Heath DX-20	\$ 19.95
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THE AMATEUR'S CODE

The Amateur is Gentlemanly . . . He never knowingly uses the air for his own amusement in such a way as to lessen the pleasure of others. He abides by the pledges given by the ARRL in his behalf to the public and the Government.

The Amateur is Loyal . . . He owes his amateur radio to the American Radio Relay League, and he offers it his unswerving loyalty.

The Amateur is Progressive . . . He keeps his station abreast of science. It is built well and efficiently. His operating practice is clean and regular.

The Amateur is Friendly . . . Slow and patient sending when requested, friendly advice and counsel to the beginner, kindly assistance and cooperation for the broadcast listener, these are marks of the amateur spirit.

The Amateur is Balanced . . . Radio is his hobby. He never allows it to interfere with any of the duties he owes to his home, his job, his school, or his community.

The Amateur is Patriotic . . . His knowledge and his station are always ready for the service of his country and his community.

* * * * *

GENERATOR HUNT IS ON

Hidden transmitter hunts occasionally are indulged in by ham operators. IRC members are asked to take part in a generator hunt.

It has been proposed that the club buy a motor generator for use on Field Day and to have available for possible emergency use, in keeping with our obligation to provide communications in case of disaster. Your recommendations on what to get, as well as where to get it, are requested. If you hear of a good item that would fill the club needs, contact Jerry Lucas, W9APJ. It has been thought something that would pump out around 2 KW and still be small and light enough to move conveniently would be just dandy.

**JOS. G.
CHARPIE**
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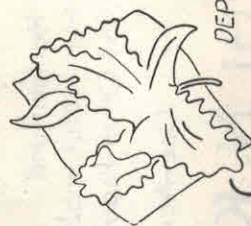
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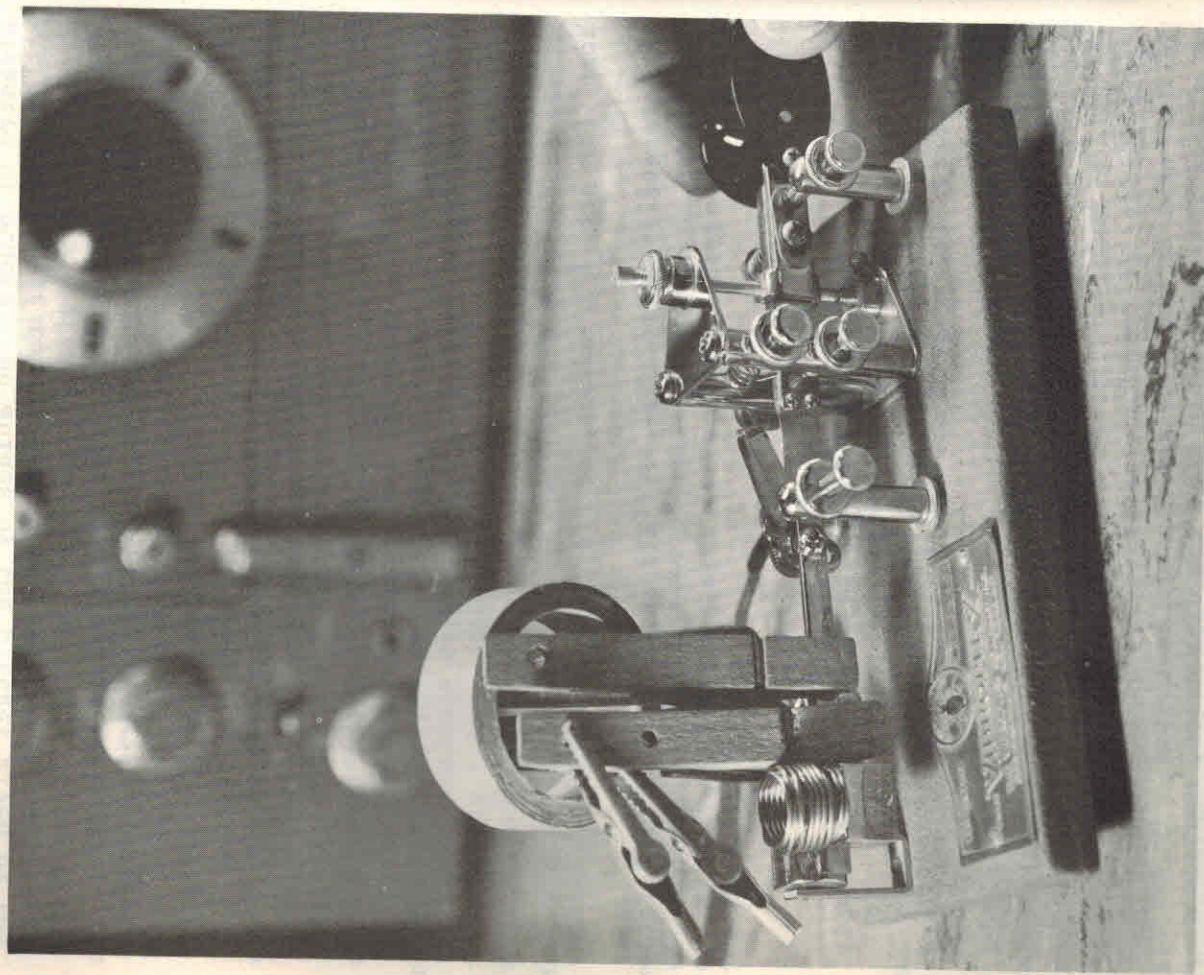
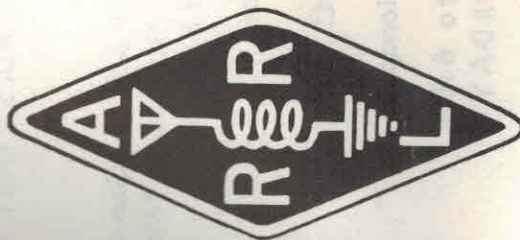
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" . . . actually, OM, I operate mostly fone here . . . "